Philips Medical Systems

FIELD CHANGE ORDER

Service

Issued by	: PMS DMC Hamburg	**Reference No.**	: FCO74200008
Released by	: G. Kramm **signed**	**Date**	: August 2002
Publication No.	: 4512 980 59701	**Product Group**	: 742

service recommendation

OPTIMUS 50 / 65 / 80

APPLIES TO:

OPTIMUS RAD/RF delivered with option rack W 9890 000 02321,
delivered mainly in combination with Tele Diagnost but also in other system combinations.

Physical Block	PEI	serial number
PB 000135	989000000971/2/3	
	989000000943/4	
	989000002001	

TITLE:

Tomo program selection not possible.

LIST OF PAGES & DRAWINGS:

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INTRODUCTION:

Symptom : Tomo program "frozen" selection for new program not possible
Cause : Short circuit at WA adapter option rack W. Short circuit for Tomo program selection line caused by sharp edge on the metal rack that scratches the back panel PCB during connection or disconnection of the plug.
Remedy : Covering of the sharp edge with insulating tape

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MANPOWER / TIME TO COMPLETE:

0.5 hour, 1 service engineer

TOOLS & TEST EQUIPMENT:

Standard set of service tools

MODIFICATION KIT / PARTS REQUIRED:

If not already available in the set of service tools of the field engineer, the insulating tape can also be obtained locally. If the insulating tape is neither present in the tool set nor available locally, it can also be ordered under the code No. below.

1212 101 00284 **Insulating tape** (grey 15mm)

PROCEDURE:

1. Switch the generator OFF.
2. Remove the WA (102) adapter PCB.
3. Pull the generator from the wall to get access to the back panel.
4. Disconnect all cables from back panel WA.
5. Remove, respectively, loosen the screws of the WG adapter (figure 1).
   Turn the adapter in vertical position to get easy access to the option rack PCB.

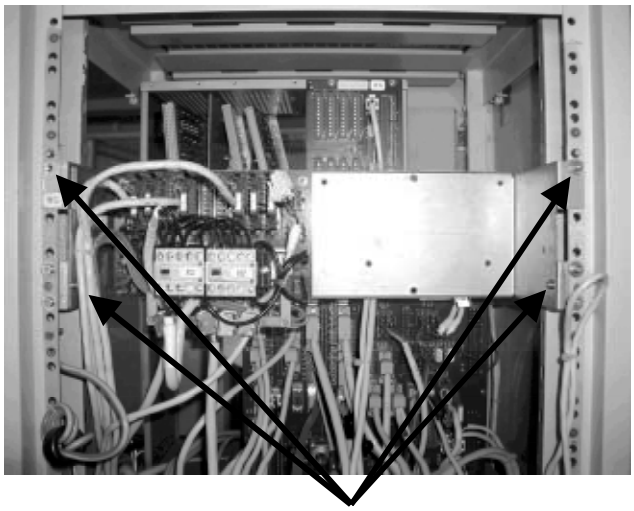

figure 1

6. Remove the back panel fixing screws (figure 2).

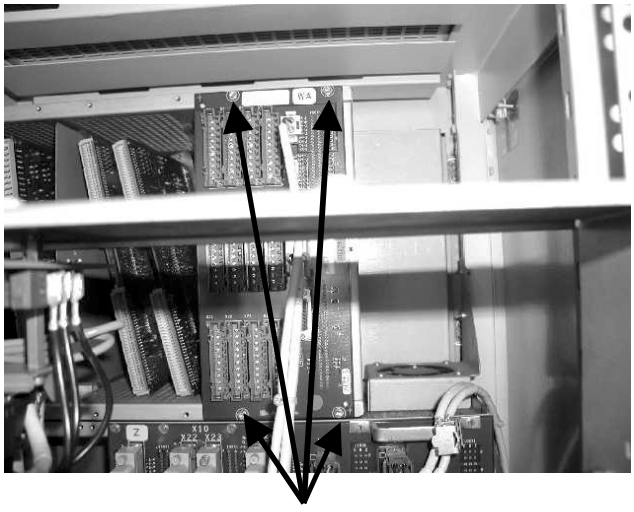

figure 2

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7. Remove the back panel PCB (figure 3).

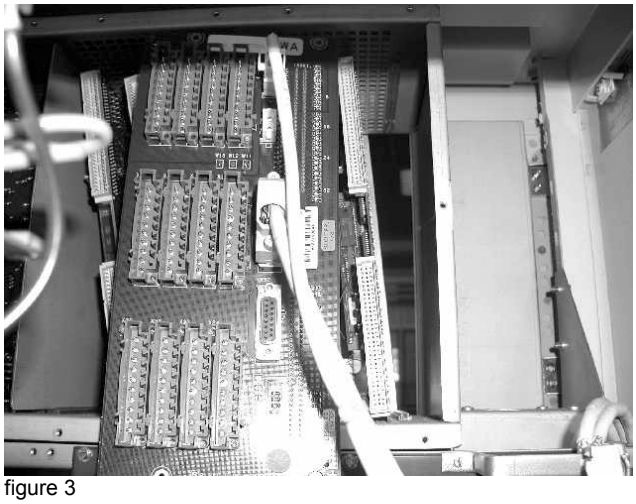
figure 3

8. Attach the insulating tape according to the figures *(3 - old option rack 4512 104 70901; 4 - new option rack 4512 104 70902)* either on the whole side or only the small PCB support with the burr.

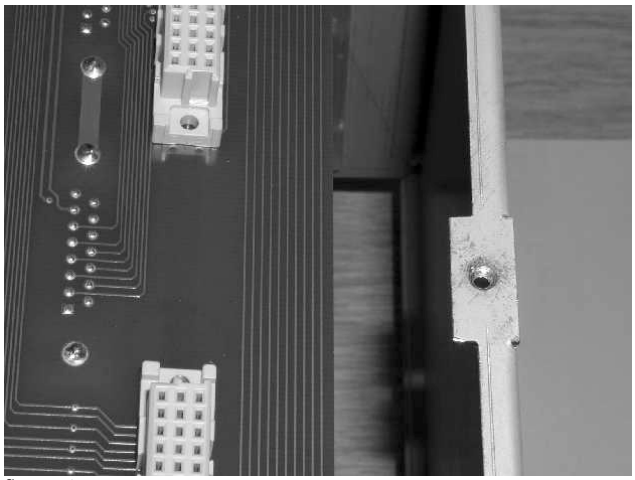
figure 4

9. Install the back panel PCB in its original position fix it with the four screws.
10. Connect all cables according to the location specified on the label near the connector.
11. Reinstall the WG adapter in the correct position and fix it with the screws.
12. Push the generator back into its original position.
13. Insert the WA adapter PCB back in the option rack W.

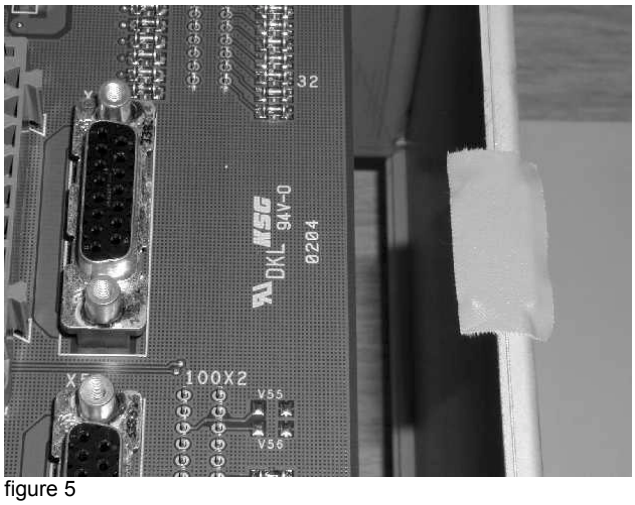

figure 5

PARTS DISPOSAL:

not applicable

DOCUMENTATION:

- Log this action in the section "History Record" of the System Reference Manual.
- File this FCO in the section "Service Information" of the System Reference Manual.
- Fill out the attached Action Notification Report and send it to your SSD Customer Support Manager

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